

What is Claimed is:

1. A direct current brushless type vibration motor, comprising:

a housing, formed with a cylindrical shape, the housing having a bottom provided with a pivot hole, and a top having an opening end which is closed by a cover plate, the cover plate having a pivot hole;

a stator seat, fixed in an inner wall of the housing, and provided with coils and poles;

a rotor, having a shaft having one end pivoted in the pivot hole of the bottom of the housing, the shaft having an integral permanent magnet and an eccentric member, the permanent magnet mating with the poles of the stator seat, the eccentric member mounted in the cylindrical housing at a side of the stator seat, the other end of the shaft pivoted in the pivot hole of the cover plate;

a circuit board, fixed in the housing, the circuit board having a sensing drive circuit.

2. The direct current brushless type vibration motor as claimed in claim 1, wherein in the two pivot holes of the housing and the cover plate, one pivot hole is provided with a bearing.

3. The direct current brushless type vibration motor as claimed in claim 1, wherein the stator seat is provided with posts combined with the circuit board.

4. The direct current brushless type vibration motor as claimed in claim 1, wherein the circuit board and the stator seat are fixed in an inner bottom of the cylindrical housing.

5. The direct current brushless type vibration motor as claimed in claim 1, wherein the circuit board and the stator seat are fixed in an opening end of the cylindrical housing.

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- 1 6. A direct current brushless type vibration motor, comprising:
 - 2 a housing, formed with a cylindrical shape, the housing having a
 - 3 bottom provided with a pivot hole, and a top having an opening end;
 - 4 a stator seat, fixed in an inner wall of the housing, and provided
 - 5 with coils and poles;
 - 6 a circuit board, having a sensing drive circuit and a pivot hole, the
 - 7 circuit board capable of closing the opening end of the housing;
 - 8 a rotor, having a shaft having one end pivoted in the pivot hole of
 - 9 the bottom of the housing, the shaft having an integral permanent magnet and
 - 10 an eccentric member, the permanent magnet mating with the poles of the stator
 - 11 seat, the eccentric member mounted in the cylindrical housing at a side of the
 - 12 stator seat, the other end of the shaft pivoted in the pivot hole of the circuit
 - 13 board.
- 14 7. The direct current brushless type vibration motor as claimed in
- 15 claim 6, wherein in the two pivot holes of the housing and the circuit board,
- 16 one pivot hole is provided with a bearing.